

READY RECKONER FOR MSGP, MS SPECIAL AND CELLULOSIC ELECTRODES

MILD STEEL GENERAL PURPOSE							CELLULOSIC			
BRAND	SUPERBOND	SUPERBOND S / SUPERBOND SS	KINGBOND / METAL BOND	MAGNABOND	E –BOND / E - BOND M	MAXBOND	CELWEL 60	CELWEL 60 S	CELWEL 70 G / CELWEL 70 P	CELWEL 80 G
BASE MATERIAL	ASME SA-283 Gr. A/B/C/D	ASME SA-36/36M, SA-283/283M Gr.A/B/C/D, SA-285/285M Gr.A/B/C, SA-414/414M Gr.A/B	IS-2062, IS-226, ASME SA-36/36M	ASME SA-36/36M, SA-53/53M, SA-283/283M Gr.A/B/C/D	IS-2062, IS-226, ASTM A 131 Gr.A/B/D	EN 10025 Type S275, ASTM A131 Gr.A/B/D	ASTM A106 Gr.A/B, API 5L X42, API 5L X56	API 5L X42, API 5L X46	API 5L X52, API 5L X65	API 5L X60, API 5L X70, API 5L X80
APPLICATION	Steel Structures, Storage Tanks, Pipelines, Automobile bodies, Structural Application			Sheet Metal work, , Bridges, Steel Furniture work, Truck bodies, Pipes, Railway Wagons			Cross country pipelines, Pressure vessels, Storage tanks			High tensile pipe steels, Thin welded pipes
MILD STEEL SPECIAL										
BRAND	SUPABASE / SUPABASE X PLUS / X-BOND	TENALLOY/TENALLOY Z PLUS / TENALLOY S PLUS	TENALLOY HH SPL	TENALLOY R	TENALLOY 38R SPL	TENALLOY 16	TENALLOY 16 W	TENALLOY 16 SPL	TENALLOY 16 G	TENALLOY 16 E SPL
BASE MATERIAL	ASTM SA-414/414M Gr.C/D, SA-516/516M Gr.55/60, IS-2002, IS-2062	ASTM SA-414/414M Gr.C/D, SA-516/516M Gr.55/60, IS-2002, IS-2062	ASTM 106 Gr.B (NACE Quality), SA-414/414M Gr.D/E/F/G, SA-515/515M Gr.60/65, SA-516/516M Gr.60/65	ASTM SA-515/515M Gr.60/65, SA-516/516M Gr.60/65	DIN 15MnNi63, ASTM A537 Class 1	Welding of CI to MS, Rail ends, CI repairs	ASTM SA-414/414M Gr.C/D/E	ASTM SA-414/414M Gr.C/D/E	ASTM SA-515 Gr.55, SA-516 Gr.55	BS 4360 Gr.55 E/F, EN 10025 S275/S355, ASTM A131 Gr.A/B/D, AH32, EH40
APPLICATION	Shipbuilding, Pressure Vessels, Boilers, Bridges, Heavy Structures		Pressure Vessels, Storage Tanks, Pipes, Boilers, Dynamic loaded and restrained joints	Ammonia Storage Tanks, Horton Spheres, Pressure Vessels, Si-Mn steels and 1%Ni steels		High carbon steel to Mild steel, Armour Plates, Cast steels		Offshore process platforms, Horton spheres, Penstocks, Pressure Vessels subjected to intermediate and lower temperature applications, Welding of high yield steels and high strength steels		
BRAND	TOPSTAR	TOPSTAR 110	TOPSTAR 140	TOPSTAR 140 SPL		SILOX Fe / SILOX Fe LH		ADOR SP 6		
BASE MATERIAL	Machine base, Truck chassis frames, Bridges, Cranes, Heavy structural work		ASTM SA-283 Gr.A/B/C/D, ASTM SA-414/414M Gr.C/D/E	ASTM SA-414/414M Gr.C/D/E, SA-516/516M Gr.55/60		Welding & repairing of Hot Dip Galvanising baths, Windows, Door frames		Welding of rails with UTS upto 1100 MPa		
APPLICATION	Cranes, Bridge girders, Pressure vessels, Ships, Pipelines, Storage tanks, Earth moving equipment					Hot Dip Galvanising Tanks		Butt welding of rail joints, Multi-pass welding		